



Crop Progress and Condition

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Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: June 4, 2018

Issue: 14-18

Agricultural News: Kentucky experienced above normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 1.86 inches, 0.75 inches above normal. Temperatures averaged 76 degrees for the week, 7 degrees above normal. **Topsoil moisture** was rated 4 percent short, 72 percent adequate, and 24 percent surplus. **Subsoil moisture** was rated 2 percent short, 81 percent adequate, and 17 percent surplus. Days suitable for fieldwork averaged 3.3 out of a possible seven.

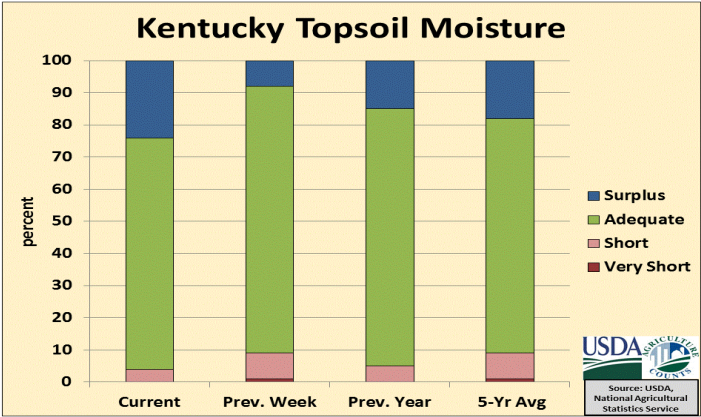
Primary activities for this week included planting corn and soybeans along with tobacco setting when the weather allowed. Fieldwork progress was stunted as hot weather brought several rounds of rain. Some areas in the state received very heavy rain leading to standing water in fields. Even with the recurring precipitation, corn planting is nearing completion with 94 percent in the ground. Farmers sprayed the corn crop when there were opportunities between rain showers. The average height of corn was 14 inches, compared to 9 inches last week.

Pastures continue to be in mostly good condition and are improving in many areas of the state. The hay harvest is behind at this juncture, but with favorable weather a recovery is possible.

SOIL MOISTURE for week ending 06/03/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	4	72	24
Subsoil	-	2	81	17

- Represents zero.



CROP PROGRESS for week ending 06/03/18

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	94	90	94	93
Corn Emerged	81	68	82	81
Soybeans Planted	65	56	58	48
Soybeans Emerged	48	33	36	29
Tobacco Set	59	44	56	54
Winter Wheat Headed	96	91	-1	-1

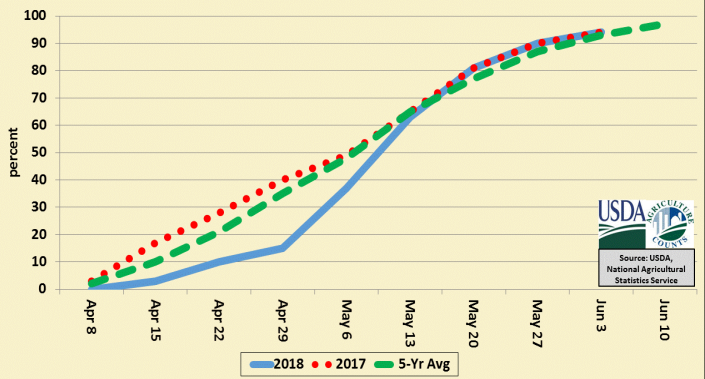
-1 Shown when data not available.

CROP CONDITIONS for week ending 06/03/18

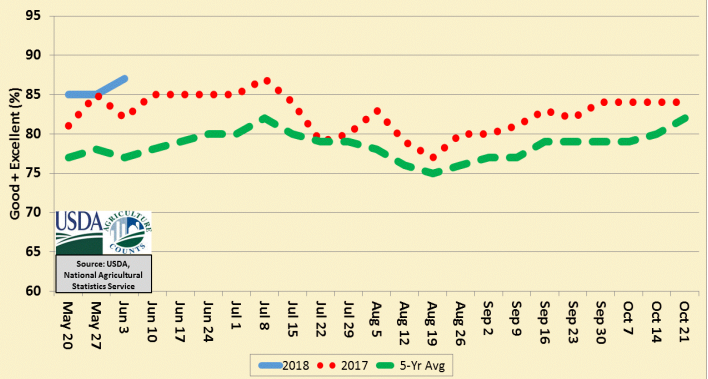
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	-	1	12	72	15
Pasture	1	4	19	63	13
Soybeans	-	1	11	69	19
Tobacco Set	1	2	11	75	11
Wheat	2	5	19	56	18

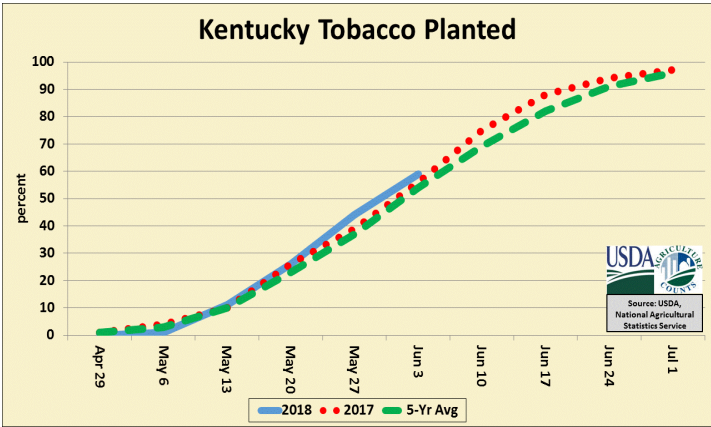
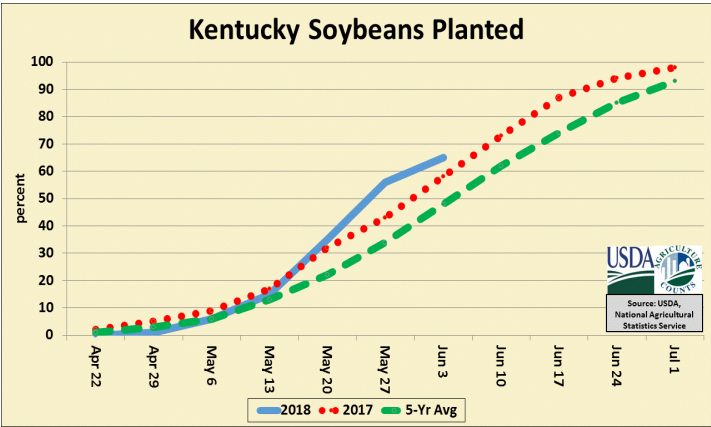
- Represents zero.

Kentucky Corn Planted



Kentucky Corn Condition





Kentucky Climate Summary
For the Period May 28, 2018 to June 3, 2018

Above Normal Temperatures and Much Above Normal Rainfall:

It may be early in the year to be talking about tropical storms, but Kentucky had to deal with the remnants of Subtropical Depression Alberto early in the period. Outer bands on the north side of Alberto started affecting the region on Monday with scattered to numerous showers/storms in place. More of the same followed on Tuesday and Wednesday as the remnants passed through Western Kentucky and north of the region. A very moist atmosphere in place with dew points in the 70s led storms producing torrential rainfall at times and in turn, localized flash flooding. While the state had already seen an abundant amount of rainfall, more rounds followed over the second half of the period, highlighted by a passing disturbance on Thursday with a couple rounds of strong to severe storms. While heavy rain and flooding continued to be an issue, these storms also produced damaging winds across much of the state. Overall, the state averaged nearly two inches for the week, but several locations across Western and Central Kentucky saw more than three. As a side note, temperatures continued to run above normal and based on preliminary data at the UK Ag Weather Center, this past month would be the warmest May on record for the state of Kentucky.

Temperatures for the period averaged 76 degrees across the state which was 7 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 86 in the West to 82 in the East. Departure from normal high temperatures ranged from 4 degrees warmer than normal in the West to 2 degrees warmer than normal in the East. Low temperatures averaged from 69 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 9 degrees warmer than normal in the West to 11 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at EVANSVILLE ASOS and the extreme low was 61 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.86 inches statewide which was 0.75 inches above normal and 167% of normal. Precipitation totals by climate division, West 2.48 inches, Central 2.14 inches, Bluegrass 1.54 inches and East 1.28 inches, which was 1.39, 0.99, 0.45 and 0.16 inches above normal. By station, precipitation totals ranged from a low of 0.23 inches at POPLAR BLUFF ASOS to a high of 5.77 inches at HOPKINSVILLE 6N.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 06/03/18 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	Inches	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	1.70	8.85	2.69	0.13	-1.28	88	61	75	5	178	906	40
Berea	1.89	12.18	4.93	2.72	0.66	84	61	74	5	167	830	-70
Bowling Green	0.99	8.29	2.74	-1.39	-1.66	91	69	79	9	204	1,026	134
Bristol	2.44	6.08	3.14	-1.47	-0.36	85	62	73	4	163	837	34
Buckhorn Lake	1.30	8.05	3.66	-0.23	-0.07	84	64	74	5	168	909	113
Cape Girardeau	1.56	9.80	3.78	-0.17	-0.75	92	61	78	6	195	975	35
Campbellsville	1.91	9.88	3.00	-0.47	-1.60	86	65	75	5	176	859	-31
Covington	0.88	7.80	3.14	-0.61	-0.70	90	64	76	7	185	886	139
Cumberland Gap	2.12	9.51	5.95	0.19	1.64	84	63	74	5	168	852	36
Dix Dam	3.18	11.85	6.08	2.52	1.89	86	65	75	6	178	882	34
Evansville	4.48	10.26	5.79	1.14	1.61	91	66	78	6	193	970	102
Glasgow	2.12	9.04	3.94	-1.03	-0.60	88	67	77	7	188	932	92
Grayson	0.96	13.89	7.57	5.62	3.75	84	64	74	5	170	839	96
Hardinsburg	1.23	8.35	2.82	-1.21	-1.49	88	65	77	7	188	946	44
Henderson	1.96	9.28	4.55	0.09	0.50	91	68	78	6	196	996	78
Huntington	1.04	7.45	2.47	-0.78	-1.34	88	64	76	7	184	910	101
Jackson	0.87	10.42	3.74	1.46	-0.25	84	64	74	5	171	944	148
Lexington	1.83	12.37	5.78	3.65	1.81	87	64	76	7	181	934	142
London	1.70	9.39	3.30	0.85	-0.50	86	63	74	5	170	882	58
Louisville	2.02	9.54	3.00	0.34	-1.07	91	67	79	9	204	1,081	221
Mayfield	2.55	10.10	3.58	-0.30	-0.80	88	66	77	5	192	991	37
Nashville	1.29	7.67	4.29	-1.94	0.00	92	64	78	8	198	1,052	66
Nolin Lake	1.28	9.35	4.59	-1.05	-0.22	93	65	77	7	188	970	137
Paducah	3.70	13.03	5.66	2.68	1.27	89	68	79	7	200	1,053	128
Princeton	2.34	9.73	3.81	-0.41	-0.57	88	67	78	6	192	980	31
Quicksand	0.57	9.42	2.54	0.46	-1.45	86	62	75	6	173	851	55
Somerset	2.02	11.00	3.65	1.16	-0.86	85	64	75	6	172	850	6
Spindletop	2.26	14.70	6.69	5.98	2.72	87	64	76	7	180	920	128
Williamstown	0.93	11.46	5.53	2.52	1.60	85	65	74	5	170	846	64

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.